

Deduction Mysteries

CASE 01

An exam answer key was taken from the science lab of Hawthorne Day School during the overnight window between 20:30 and 22:00. Investigators have narrowed the field to 6 suspects: Joaquin (department head), Aiko (janitor), Kerensa (principal), Nikolai (coach), Stellan (secretary), Ula (student council president).

Q Who took the exam answer key?

1. Nikolai's door sensor places them at an offsite location from 20:30 to roughly 22:00.
2. Joaquin's door sensor places them at a public event with hundreds of attendees from 20:30 to roughly 22:00.
3. The theft required advanced lock-picking expertise. Only Kerensa, Stellan, Ula have it among the suspects.
4. Aiko's hallway camera places them at a hospital visit from 20:30 to roughly 22:00.
5. Kerensa has no verifiable account of their whereabouts after 20:30.
6. Kerensa's combination was activated at 20:30 at the science lab.
7. Kerensa had outstanding financial debt, well-documented in HR records.
8. Ula's witness statement places them at a hospital visit from 20:30 to roughly 22:00.
9. Stellan's hallway camera places them at an offsite location from 20:30 to roughly 22:00.
10. Combination access to the science lab is restricted to Kerensa, Aiko.

A) Kerensa	B) Nikolai	C) Joaquin	D) Aiko	E) Ula	F) Stellan
------------	------------	------------	---------	--------	------------

CASE 02

The sealed wills were taken from the vault of Helix Heritage Foundation during the overnight window between 21:00 and 23:00. Investigators have narrowed the field to 5 suspects: Dimah (records administrator), Nikolai (head archivist), Tomas (genealogist), Kasimir (security officer), Katarina (clerk).

Q Who took the sealed wills?

1. The theft required firmware manipulation. Only Tomas, Nikolai, Katarina have it among the suspects.
2. Tomas had passed-over promotion, well-documented in HR records.
3. Tomas's archive badge was activated at 21:00 at the vault.
4. Tomas has no verifiable account of their whereabouts after 21:00.
5. Dimah's witness patron places them at a hospital visit from 21:00 to roughly 23:00.
6. Nikolai's vault entry record places them at a hospital visit from 21:00 to roughly 23:00.
7. Kasimir's witness patron places them at a documented training session from 21:00 to roughly 23:00.
8. Katarina's reading-room sign-in places them at a public event with hundreds of attendees from 21:00 to roughly 23:00.
9. Archive badge access to the vault is restricted to Nikolai, Tomas.

A) Nikolai	B) Katarina	C) Dimah	D) Kasimir	E) Tomas
------------	-------------	----------	------------	----------

Deduction Mysteries

CASE 03

The production funds were taken from the backstage left of The Aldermarsh Theatre during the overnight window between 19:30 and 21:00. Investigators have narrowed the field to 6 suspects: Ula (musical director), Enzo (lighting tech), Hattie (prop master), Elspeth (stage manager), Faye (box-office manager), Gunnar (stagehand).

Q Who took the production funds?

1. Ula has no verifiable account of their whereabouts after 19:30.
2. Faye's witness crew member places them at a documented training session from 19:30 to roughly 21:00.
3. A discarded note near the scene briefly suggested Faye's involvement, but it was later traced to an unrelated incident.
4. Ula's box-office key was activated at 19:30 at the backstage left.
5. Ula had an ongoing dispute with management, well-documented in HR records.
6. Gunnar's rehearsal sign-in places them at a remote conference from 19:30 to roughly 21:00.
7. Box-office key access to the backstage left is restricted to Ula, Enzo, Faye.
8. Hattie's dressing-room sign-in places them at a hospital visit from 19:30 to roughly 21:00.
9. Elspeth's rehearsal sign-in places them at a public event with hundreds of attendees from 19:30 to roughly 21:00.
- 10 The theft required encryption key generation. Only Ula, Gunnar, Faye have it among the suspects.

11 Enzo's witness crew member places them at an offsite location from 19:30 to roughly 21:00.

- | | | | | | |
|---------|-----------|------------|---------|-----------|--------|
| A) Enzo | B) Gunnar | C) Elspeth | D) Faye | E) Hattie | F) Ula |
|---------|-----------|------------|---------|-----------|--------|

CASE 04

A controlled medication was taken from the imaging room of Saint-Clair Hospital during the overnight window between 21:45 and 23:30. Investigators have narrowed the field to 5 suspects: Octavia (administrator), Juno (medical resident), Omari (attending physician), Noor (social worker), Quentin (head nurse).

Q Who took the controlled medication?

1. Quentin's administrator code was activated at 21:45 at the imaging room.
2. Omari's elevator log places them at an offsite location from 21:45 to roughly 23:30.
3. Quentin had recent disciplinary action, well-documented in HR records.
4. Octavia's witness staff places them at a remote conference from 21:45 to roughly 23:30.
5. The theft required firmware manipulation. Only Octavia, Quentin, Noor have it among the suspects.
6. Juno's badge log places them at an offsite location from 21:45 to roughly 23:30.
7. Noor's medication audit places them at a public event with hundreds of attendees from 21:45 to roughly 23:30.
8. Quentin has no verifiable account of their whereabouts after 21:45.
9. Administrator code access to the imaging room is restricted to Quentin, Noor.

- | | | | | |
|---------|------------|---------|----------|------------|
| A) Juno | B) Quentin | C) Noor | D) Omari | E) Octavia |
|---------|------------|---------|----------|------------|

NOTES

Deduction Mysteries

CASE 05

An encrypted hard drive was taken from the legal archive of Helix Corporation during the overnight window between 21:15 and 23:00. Investigators have narrowed the field to 6 suspects: Eleni (IT administrator), Phaedra (legal counsel), Maeve (senior engineer), Elara (executive assistant), Ula (CFO), Theo (security officer).

Q Who took the encrypted hard drive?

1. A discarded note near the scene briefly suggested Eleni's involvement, but it was later traced to an unrelated incident.
2. Elara's door access record places them at an offsite location from 21:15 to roughly 23:00.
3. Ula's door access record places them at a public event with hundreds of attendees from 21:15 to roughly 23:00.
4. Maeve's door access record places them at an offsite location from 21:15 to roughly 23:00.
5. Phaedra has no verifiable account of their whereabouts after 21:15.
6. Phaedra had a documented grievance, well-documented in HR records.
7. Phaedra's admin credentials was activated at 21:15 at the legal archive.
8. Admin credentials access to the legal archive is restricted to Phaedra, Ula, Eleni.
9. Eleni's printer log places them at a hospital visit from 21:15 to roughly 23:00.
- 10 Theo's witness account places them at a public event with hundreds of attendees from 21:15 to roughly 23:00.
- 11 The corporate theft required complex schematic knowledge. Only Phaedra, Ula, Theo have it

among the suspects.

- | | | | | | |
|----------|------------|---------|--------|----------|----------|
| A) Eleni | B) Phaedra | C) Theo | D) Ula | E) Maeve | F) Elara |
|----------|------------|---------|--------|----------|----------|

CASE 06

A Vermeer sketch was taken from the private collection room of Metropolitan Gallery during the overnight window between 21:15 and 23:15. Investigators have narrowed the field to 5 suspects: Bjorn (security guard), Nizar (gift shop manager), Zoltan (night security), Florian (tour guide), Beatrix (janitor).

Q Who took the Vermeer sketch?

1. Nizar has no verifiable account of their whereabouts after 21:15.
2. Bjorn's motion sensor places them at a documented training session from 21:15 to roughly 23:15.
3. Nizar's elevator access was activated at 21:15 at the private collection room.
4. Elevator access access to the private collection room is restricted to Nizar, Zoltan.
5. The theft required advanced lock-picking expertise. Only Nizar, Bjorn, Zoltan have it among the suspects.
6. Zoltan's door sensor places them at a hospital visit from 21:15 to roughly 23:15.
7. A discarded note near the scene briefly suggested Zoltan's involvement, but it was later traced to an unrelated incident.
8. Beatrix's elevator log places them at a remote conference from 21:15 to roughly 23:15.
9. Nizar had outstanding financial debt, well-documented in HR records.
- 10 Florian's security camera places them at a documented training session from 21:15 to roughly 23:15.

- | | | | | |
|----------|-----------|----------|------------|------------|
| A) Bjorn | B) Zoltan | C) Nizar | D) Beatrix | E) Florian |
|----------|-----------|----------|------------|------------|

Answer Key – Deduction Mysteries

Solve before peeking. Correct suspect and key reasoning steps below.

Case 01 A) Kerensa

- ☒ The theft required advanced lock-picking expertise, combination, and a motivating reason.
 - ☒ Joaquin lacks the required advanced lock-picking expertise – cleared.
-

Case 02 E) Tomas

- ☒ The theft required firmware manipulation, archive badge, and a motivating reason.
 - ☒ Dimah lacks the required firmware manipulation – cleared.
-

Case 03 F) Ula

- ☒ The theft required encryption key generation, box-office key, and a motivating reason.
 - ☒ Enzo lacks the required encryption key generation – cleared.
-

Case 04 B) Quentin

- ☒ The theft required firmware manipulation, administrator code, and a motivating reason.
 - ☒ Octavia has the skill but no administrator code – cleared.
-

Case 05 B) Phaedra

- ☒ The corporate theft required complex schematic knowledge, admin credentials, and a motivating reason.
 - ☒ Eleni lacks the required complex schematic knowledge – cleared.
-

Case 06 C) Nizar

- ☒ The theft required advanced lock-picking expertise, elevator access, and a motivating reason.
- ☒ Bjorn has the skill but no elevator access – cleared.